

pub B1
A1
cont
(d) a cross-linking agent for said polymer, the cross-linking agent being selected from carboxylated polymers, polycarboxylic acids as such and polymer fatty acids so as to provide multiple reaction sites, the cross-linking agent having fluxing properties and being nonreactive with said polymer without the application of heat and provision of a catalyst for reaction therebetween, the cross-linking agent, as such, not reacting with said polymer under storage conditions, and the cross-linking agent being capable of solvating

(e) metallic oxide and metallic salt catalysts which are formed by heating metallic components (a) and (b) and which promote a rapid cross-linking reaction between said polymer (c) and said cross-linking agent (d) when incorporated in said polymer, as a result of solvation by the cross-linking agent in the presence of heat.

18. (Amended) A composition for application to a dielectric substrate in a predetermined pattern and comprising, in admixture:

A2
(i) a metallic powder component which includes (a) a solder powder and (b) a metal powder melting at a higher temperature than the solder powder;

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(ii) a polycarboxyl compound effective as a fluxing agent for the metallic powder component at a first temperature and as a cross-linking agent for an epoxy resin at a higher second temperature, the polycarboxyl compound being selected from carboxylated polymers, polycarboxylic acids as such and polymer fatty acids so as to provide multiple reaction sites, and

(iii) an epoxy resin.